

APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03967

SHEET 1 OF 2

DWG NO. 646.9700

REV: A

PREPARED BY: J. BECKER

DATE: 07/03/13

EFFECT ON DWG
☒ INC. ☐ UNINC.

DWG TITLE: CUTTER SUB ASSY

APPROVED BY:

ENGR *[Signature]*

MFG

[Signature]

QC

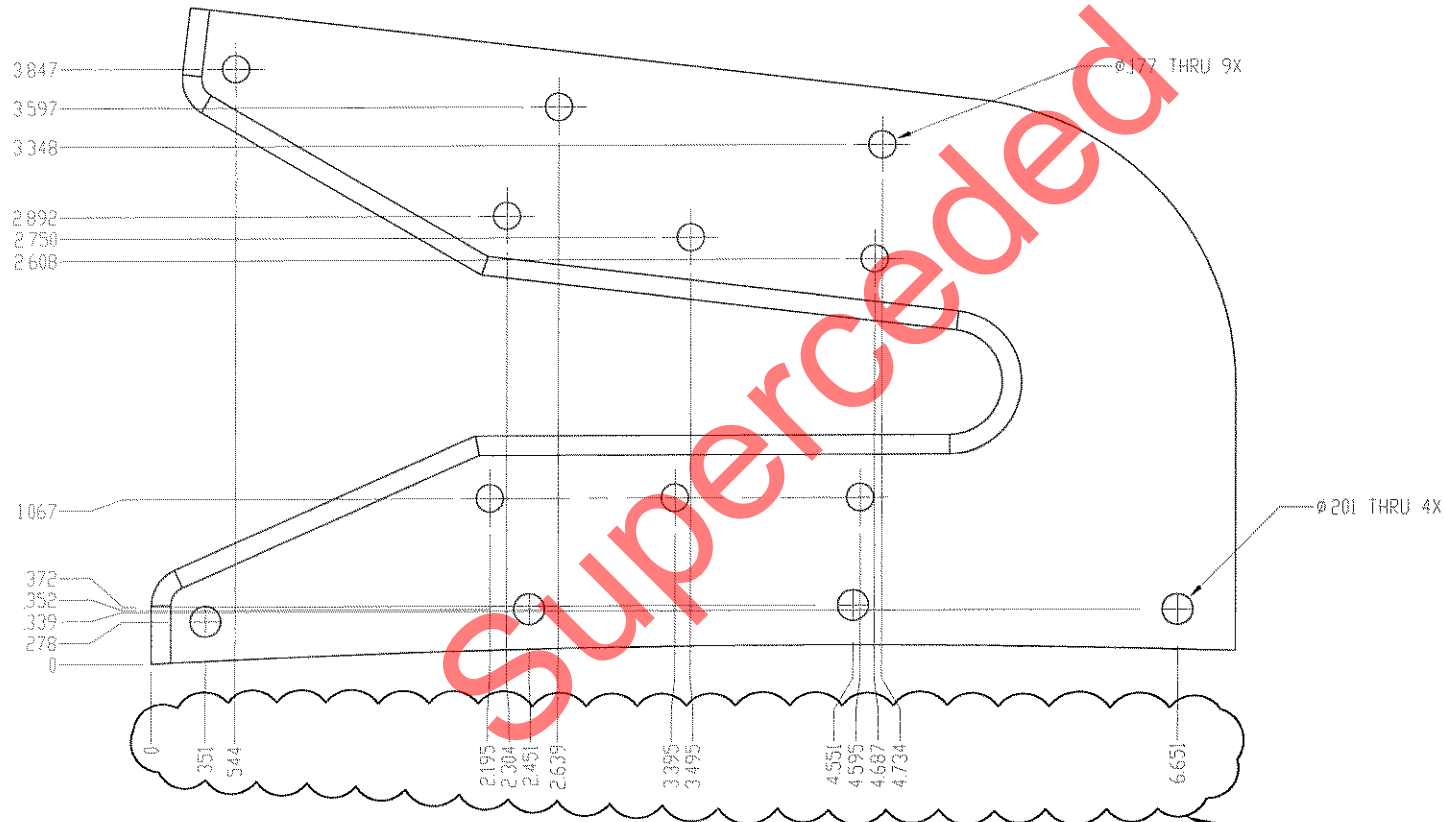
[Signature]

EFF:

CURRENT ORDER

TRANSACTION CODES (TC):
 A-ADD C-CREATE
 R-REVISE D-DELETE

REASON: ADDED DIMENSIONS. ADDED INSPECTION DIMENSIONS.



SHEET 4, ZONE D5:

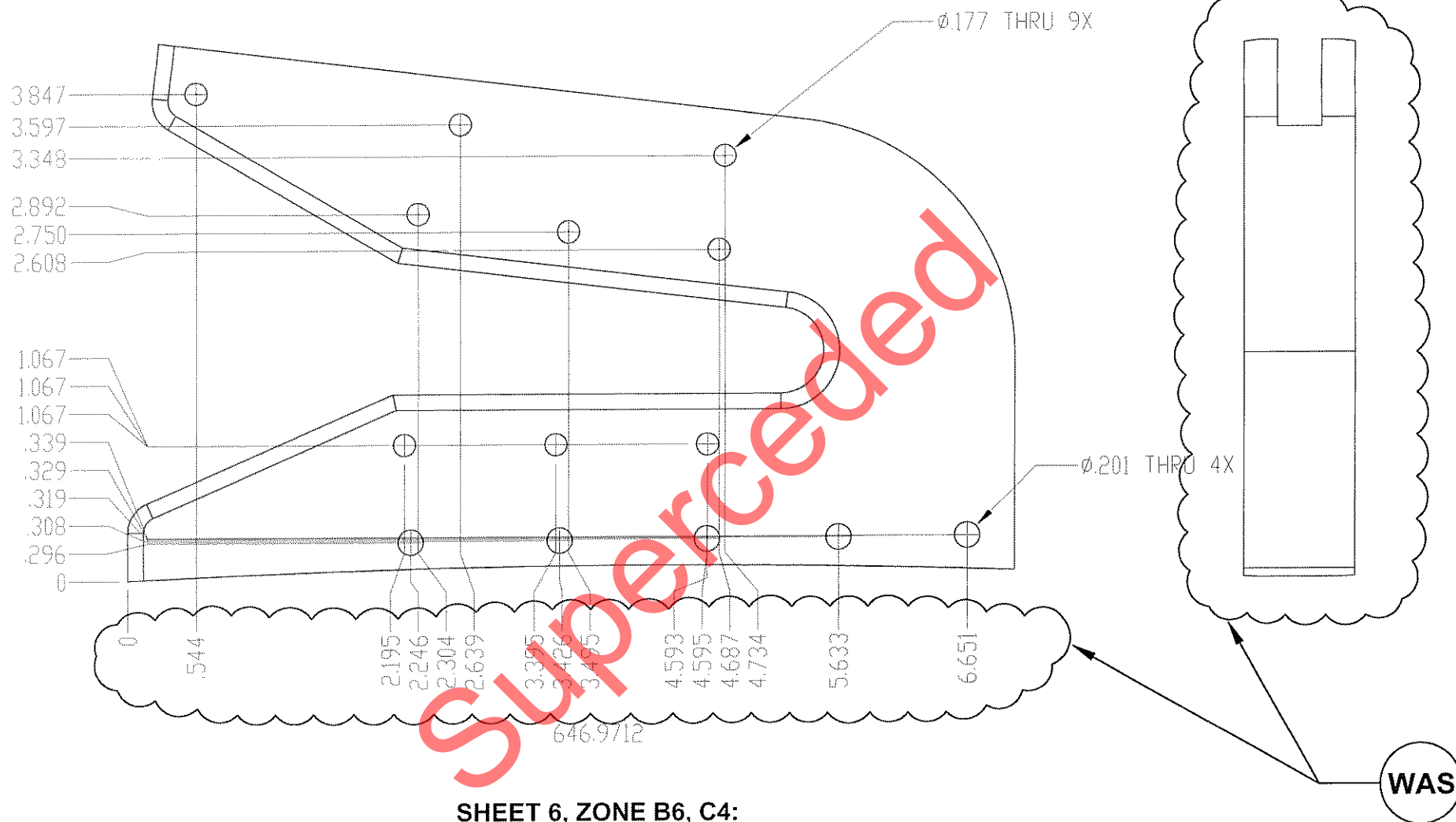
WAS

DOCUMENTS EFFECTED:

☐ MDL ☐ INSTALL INSTRUC ☐ ICA ☐ BOM

CHANGE CATEGORY
☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED
☐ YES ☒ NO



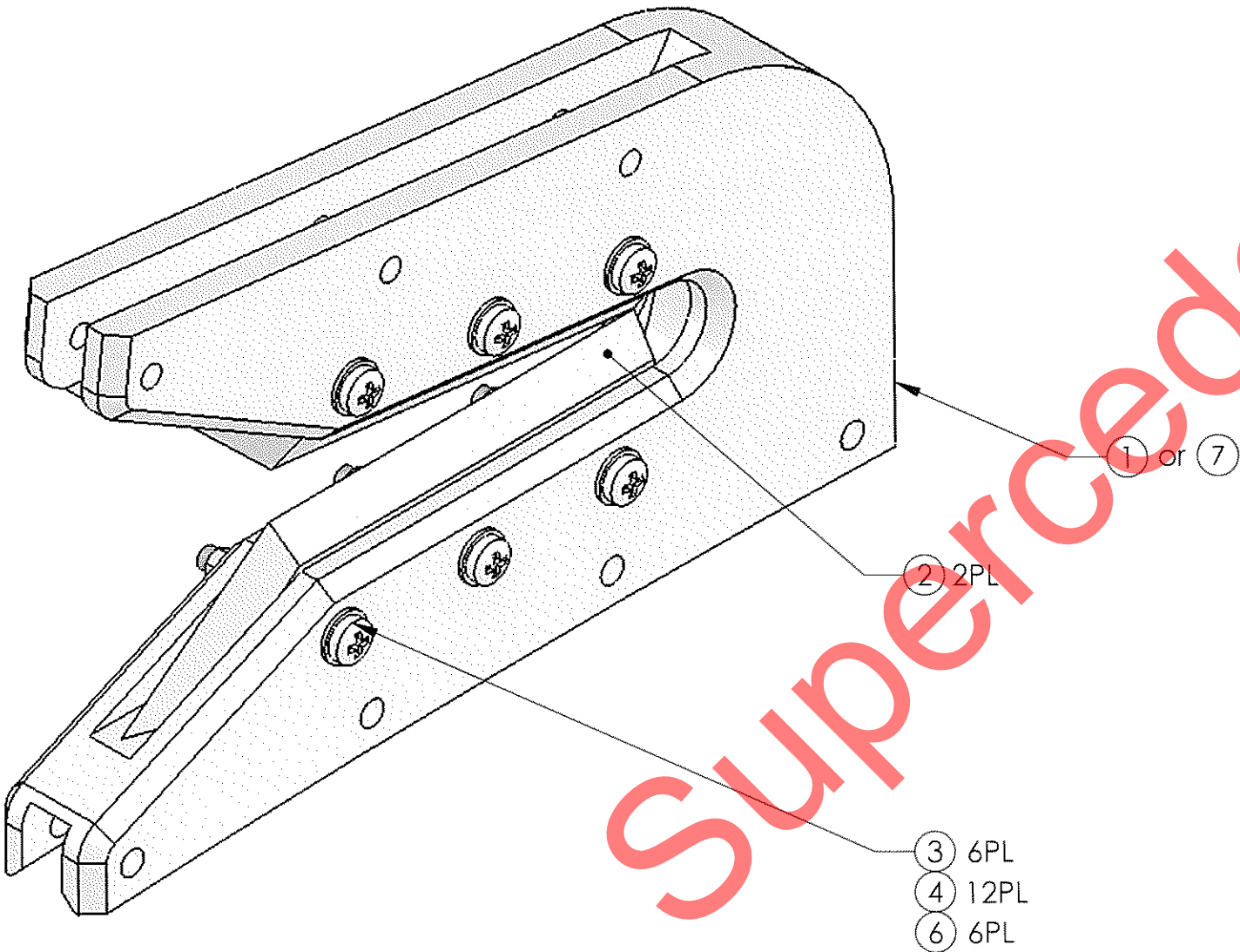
SHEET 6, ZONE B6, C4:

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
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		N/C
N/C	INITIAL RELEASE	05/29/09	P. BRAVO
A	INCORPORATED ECN 02744, 03838, 03912	06/04/13	P. BRAVO
B	INCORPORATED ECN 03967	07/03/13	P. BRAVO

NOTES:

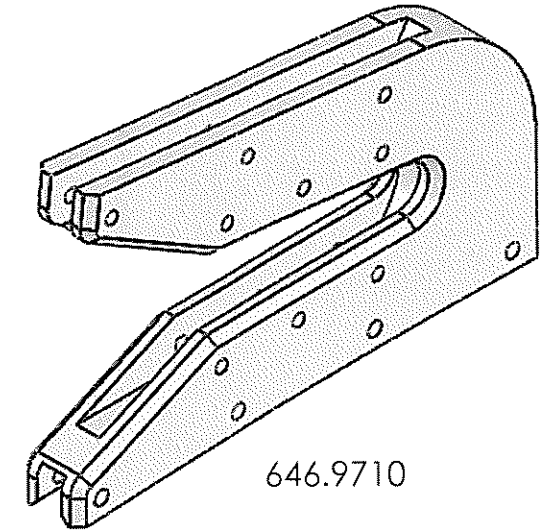
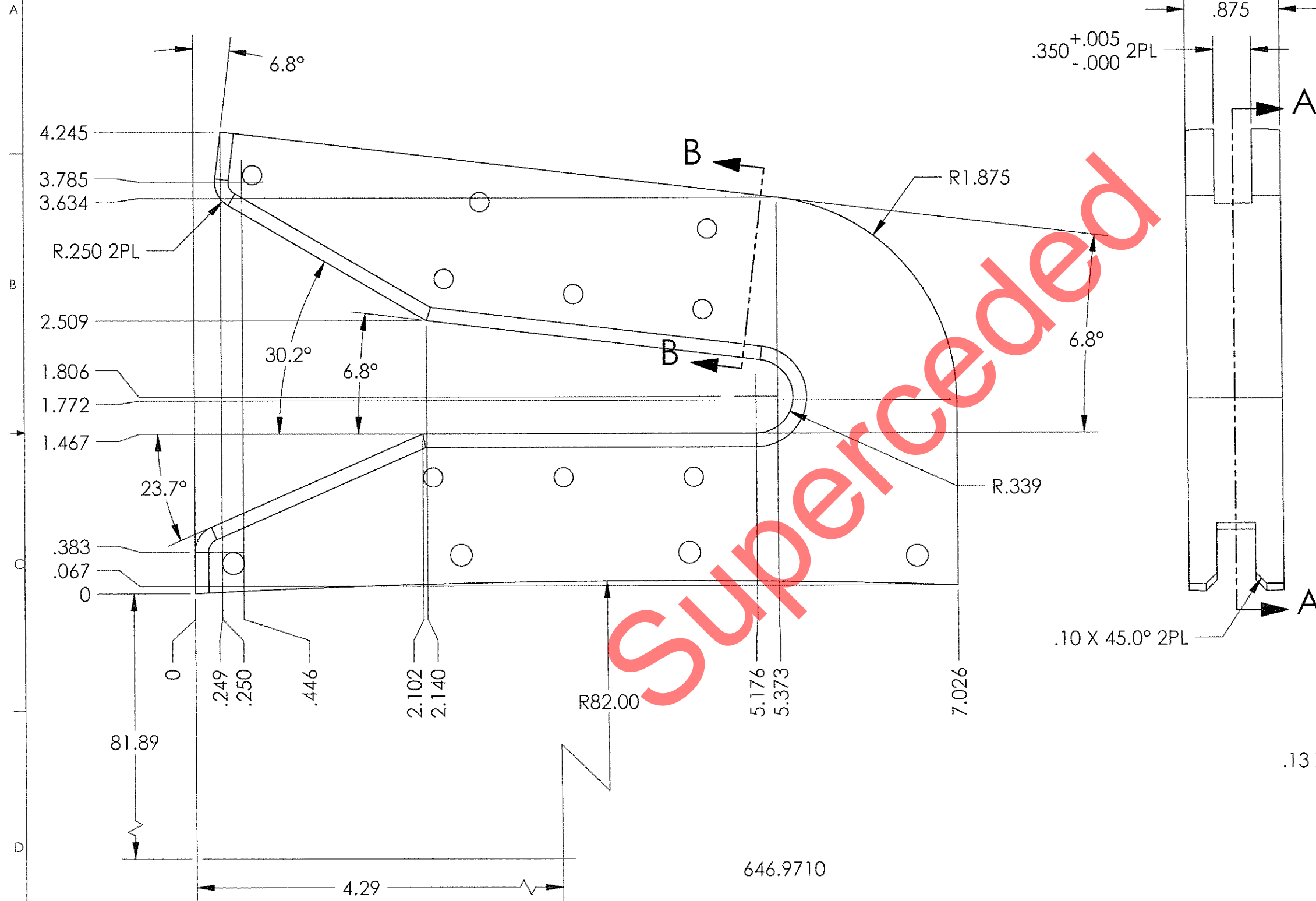
- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK;
PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER;
PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- 3 MATERIAL: AISI A2 TOOL STEEL
CONDITION: ANNEALED
POST PROCESS: HEAT TREAT TO 58-62 Rc ROCKWELL HARDNESS
- 4 FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
5. DEBURR AND BREAK ALL SHARP EDGES EXCEPT WHERE OTHERWISE NOTED
6. IDENTIFY IAW MPP-120
7. APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2 UPON ASSEMBLY
8. CUTTING EDGE INTENDED TO BE SHARP, DO NOT BREAK SHARP EDGE
9. ALL DIMENSIONS NOT SPECIFIED ARE CONTROLLED BY 646.9710.



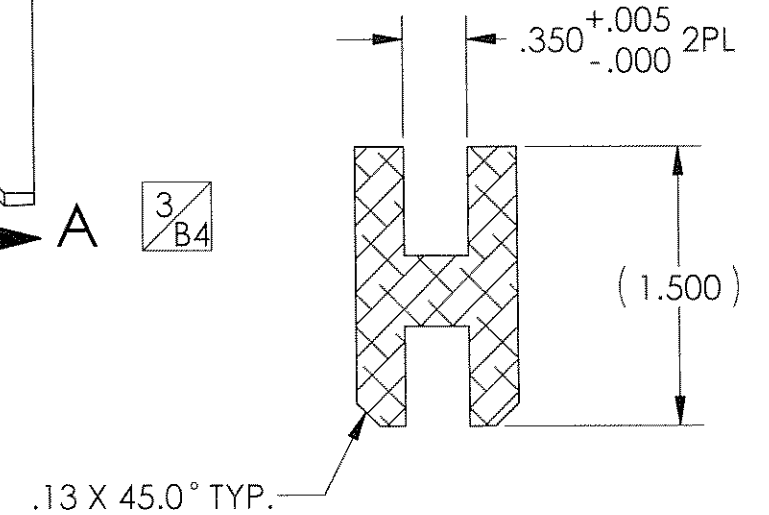
646.9701
or
646.9702

	1		7	646.9712	BODY (U CHANNEL)		 
	6	6	6	601.1541	LOCKNUT	MS21042L08	
	A/R	A/R	5	601.2764	RTV, LOCTITE 598		
	12	12	4	601.2764	WASHER	NAS1149FN832P	
	6	6	3	601.2765	SCREW	MS27039-0819	
	2	2	2	646.9711	BLADE		
		1	1	646.9710	BODY		
				646.9702	CUTTER SUB ASSY (U CHANNEL)		
				646.9701	CUTTER SUB ASSY		
	9702	9701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY			PARTS LIST				
NEXT ASSY (S)			ORIGINAL DATE (MO-DA-YR) 05-29-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
646.9600			DRAWN BY R. ROSANO	CHECKER P. BRAVO			
646.9700			DRAWING APPROVAL P. BRAVO				
			05-29-09				
			CONTRACT No.		CUTTER SUB ASSY		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°				
SIZE B		CAGE CODE 07M26		DWG. NO. 646.9700		REV. B	
SCALE NONE						SHEET 1 OF 6	

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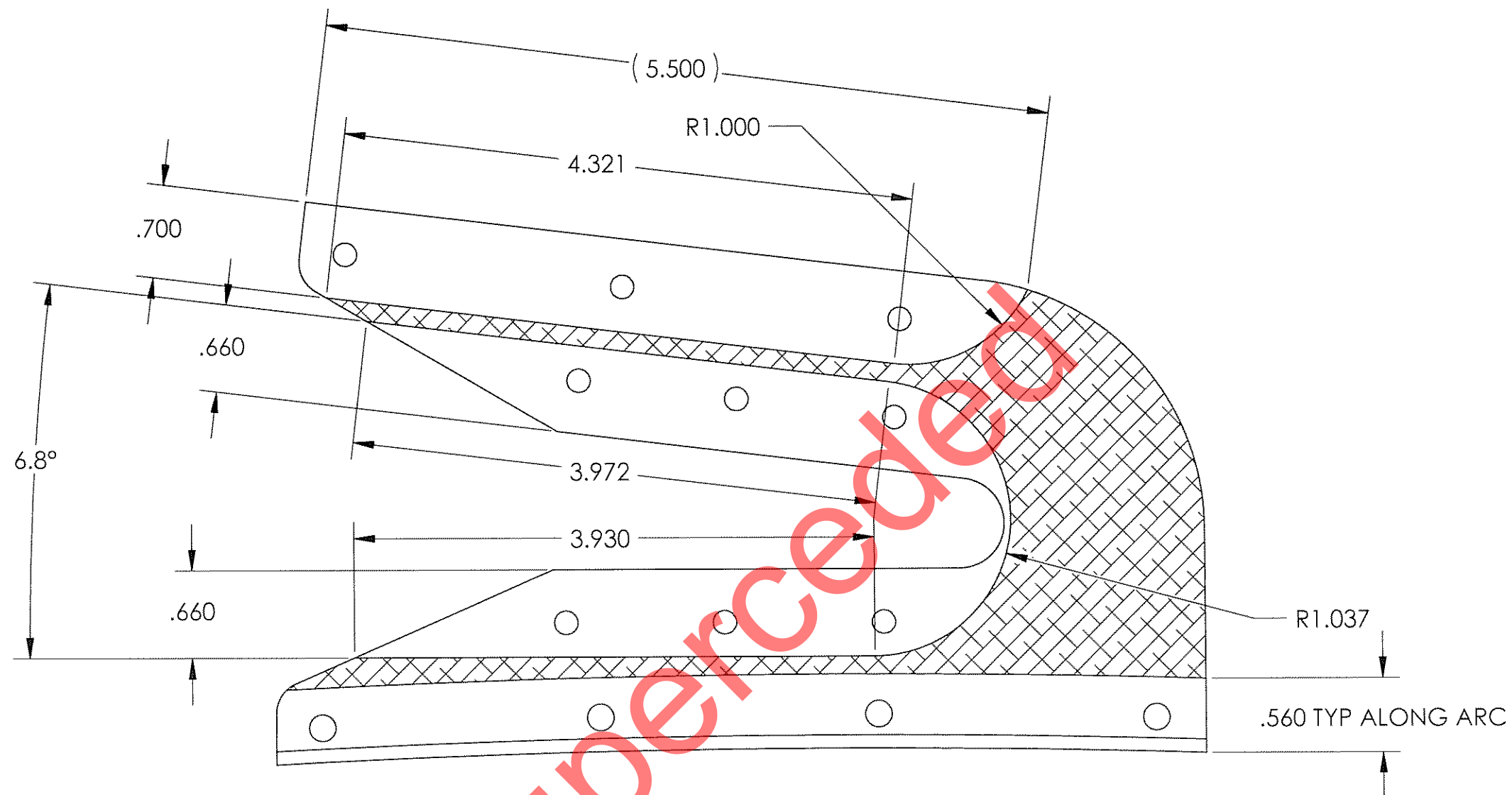
3
B4



SECTION B-B

ORIGINAL DATE (MO-DA-YR) 05-29-09		APICAL INDUSTRIES	
DRAWN BY P. ROSANO	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		CUTTER SUB ASSY	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± 5°		SIZE B	REV. B
		CAGE CODE 07M26	DWG. NO. 646.9700
		SCALE: NONE SHEET 2 OF 6	

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SECTION A-A $\frac{2}{C6}$

646.9710

ORIGINAL DATE (ISO-DA-YR) 05-29-09		APICAL INDUSTRIES	
DRAWN BY: R. ROSANO	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 05-29-09		CUTTER SUB ASSY	
CONTRACT No.		SIZE B	REV. B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 646.9700
		SCALE NONE	SHEET 3 OF 6

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A

B

C

D

3.847

3.597

3.348

2.892

2.750

2.608

1.067

.372

.352

.339

.278

0

0

.351

.544

2.195

2.304

2.451

2.639

3.395

3.495

4.551

4.595

4.687

4.734

6.651

Ø.177 THRU 9X

Ø.201 THRU 4X

HOLE LOCATIONS +/- .002

646.9710

ORIGINAL DATE
IMO-DA-YR) 05-29-09
DRAWN BY
R. ROSANO
CHECKER
P. BRAVO
DRAWING APPROVAL
P. BRAVO
05-29-09
CONTRACT No.

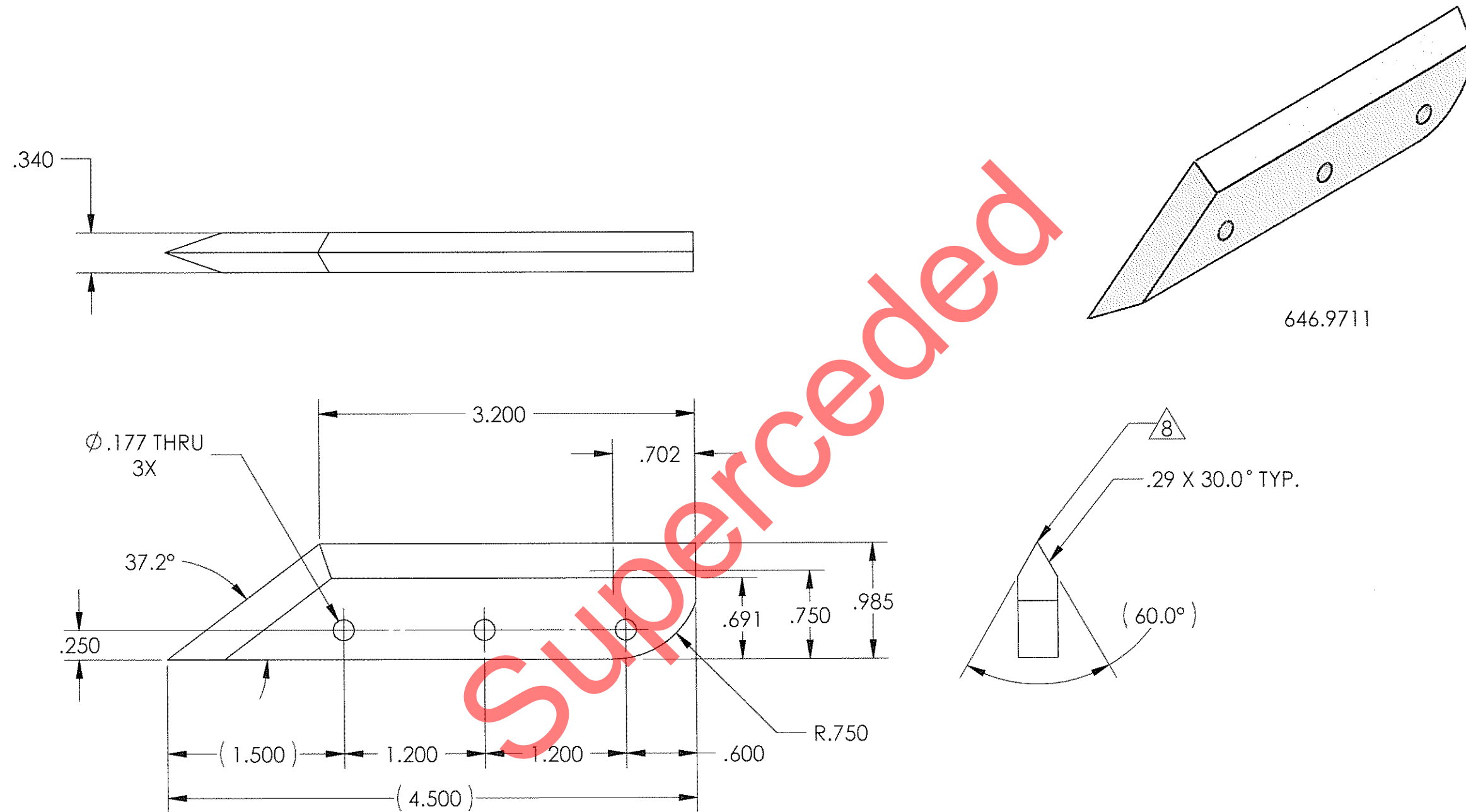
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ±.5°

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

CUTTER SUB ASSY

SIZE	CAGE CODE	DWG. NO.	REV.
B	07M26	646.9700	B
SCALE NONE			SHEET 4 OF 6

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646.9711

ORIGINAL DATE (MO-DA-YR) 05-29-09		APICAL INDUSTRIES	
DRAWN BY R. ROSANO		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		CUTTER SUB ASSY	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. B
		CAGE CODE 07MZ6	DWG. NO. 646.9700
		SCALE NONE	SHEET 5 OF 6

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